(First IF is false - the second is false)

Column	Label	Formula
P	>$40 Benchmark	=IF($H2="",0,IF($H2>40,$H2-40,0))*12*$K2

Rural High = $ 196,202

(First IF is false - the second is true)

Column	Label	Formula
P	>$40 Benchmark	=IF($H2="",0,IF($H2>40,$H2-40,0))*12*$K2

Urban Low = $ 0

(First IF is false - the second is false)

Column	Label	Formula
P	>$40 Benchmark	=IF($H2="",0,IF($H2>40,$H2-40,0))*12*$K2

Urban High = $ 4,110

(First IF is false - the second is true)

Description:
This formula calculates the aggregate cost for the CBG above $40 per month . If the monthly cost is blank, place a value of zero in the cell, otherwise if the ARMIS monthly cost in Column H is greater than $40/month, subtract $40 from the monthly cost in Column H and multiply the difference by 12 and multiply that product by the number of households in the CBG in Column K. If the ARMIS monthly cost in Column H is less than $40, place a value of zero in the cell.

**

Cell:

Column	Label	Formula
Q	Annual Cost2	=IF($A2=0,"",$F2*'Tables & Inputs'!I22)

Rural Low = 134.42
Rural High = 805.54
Urban Low = 89.54
Urban High = 414.30

(IF is false for all 4 cases)

Description:
This formula calculates the annual cost per line utilizing the Hatfield/MCI factor. If the CBG number is zero, leave the cell blank, otherwise multiply Column F, the total investment per line times the ARMIS factor in Cell I22of the Tables & Inputs Tab.

**

Cell:

Column	Label	Formula
R	Monthly Cost2	=IF(A2=0,"",Q2/12)

Rural Low = $ 11.20
Rural High = $ 67.13
Urban Low = $ 7.46
Urban High = $ 34.52

(IF is false for all 4 cases)

Description:
This formula calculates a monthly cost based on the Hatfield/MCI cost factor. If the CBG number is zero, leave the cell blank, otherwise divide the Hatfield/MCI annual cost in Column G by 12.

**

Cell:

Column	Label	Formula
S	HH * Annual Cost2	=<u>IF(Q2="",0,Q2*$K2)</u> Rural Low = $ 45,432.69 Rural High = $ 250,523.89 Urban Low = $ 27,310.49 Urban High = $ 18,643.34

(IF is false for all 4 cases)

Description:
This formula calculates the total annual cost to serve all households in the CBG. If the annual cost is blank, put a value of zero in the cell, otherwise multiply the Hatfield/MCI annual cost by the number of households

**

Cell:

Column	Label	Formula
T	>$20 Benchmark2	=<u>IF($R2="",0,IF($R2>20,$R2-20,0))*12*$K2</u> Rural Low = $ 0

(First IF is false - the second is false)

Column	Label	Formula
T	>$20 Benchmark2	=<u>IF($R2="",0,IF($R2>20,$R2-20,0))*12*$K2</u> Rural High = $ 175,884

(First IF is false - the second is true)

Column	Label	Formula
T	>$20 Benchmark2	=<u>IF($R2="",0,IF($R2>20,$R2-20,0))*12*$K2</u> Urban Low = $ 0

(First IF is false - the second is false)

Column	Label	Formula
T	>$20 Benchmark2	=<u>IF($R2="",0,IF($R2>20,$R2-20,0))*12*$K2</u> Urban High = $ 7,843

(First IF is false - the second is true)

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Description:
This formula calculates the aggregate cost for the CBG above $20 per month . If the monthly cost is blank, place a value of zero in the cell, otherwise if the Hatfield/MCI monthly cost in Column R is greater than $20/month, subtract $20 from the monthly cost in Column R and multiply the difference by 12 and multiply that product by the number of households in the CBG in Column K. If the Hatfield/MCI monthly cost in Column R is less than $20, place a value of zero in the cell.

**

Cell:

Column	Label	Formula
U	>$30	=IF($R2="",0,IF($R2>30,$R2-30,0))*12*$K2
	Benchmark2	Rural Low = $ 0

(First IF is false - the second is false)

Column	Label	Formula
U	>$30	=IF($R2="",0,IF($R2>30,$R2-30,0))*12*$K2
	Benchmark2	Rural High = $ 138,564

(First IF is false - the second is true)

Column	Label	Formula
U	>$30	=IF($R2="",0,IF($R2>30,$R2-30,0))*12*$K2
	Benchmark2	Urban Low = $ 0

(First IF is false - the second is false)

Column	Label	Formula
U	>$30	=IF($R2="",0,IF($R2>30,$R2-30,0))*12*$K2
	Benchmark2	Urban High = $ 2,443

(First IF is false - the second is true)

Description:
This formula calculates the aggregate cost for the CBG above $30 per month . If the monthly cost is blank, place a value of zero in the cell, otherwise if the Hatfield/MCI monthly cost in Column R is greater than $30/month, subtract $30 from the monthly cost in Column R and multiply the difference by 12 and multiply that product by the number of households in the CBG in Column K. If the Hatfield/MCI monthly cost in Column R is less than $30, place a value of zero in the cell.

**

Cell:

Column	Label	Formula
V	>$40	=IF($R2="",0,IF($R2>40,$R2-40,0))*12*$K2
	Benchmark2	Rural Low = $ 0

(First IF is false - the second is false)

Column	Label	Formula
V	>$40	=IF($R2="",0,IF($R2>40,$R2-40,0))*12*$K2
	Benchmark2	Rural High = $ 101,244

(First IF is false - the second istrue)

Column	Label	Formula
V	>$40	=IF($R2="",0,IF($R2>40,$R2-40,0))*12*$K2
	Benchmark2	Urban Low = $ 0

(First IF is false - the second is false)

Column	Label	Formula
V	>$40	=IF($R2="",0,IF($R2>40,$R2-40,0))*12*$K2
	Benchmark2	Urban High = $ 0

(First IF is false - the second is false)

Description:
This formula calculates the aggregate cost for the CBG above $40 per month . If the monthly cost is blank, place a value of zero in the cell, otherwise if the Hatfield/MCI monthly cost in Column R is greater than $40/month, subtract $40 from the monthly cost in Column R and multiply the difference by 12 and multiply that product by the number of households in the CBG in Column K. If the Hatfield/MCI monthly cost in Column R is less than $40, place a value of zero in the cell.